

## ABSTRACT OF THE DISCLOSURE

A potential energy field flow bioreactor for processing a reagent in feedstocks with  
5 reactant particles adsorbed therein includes a flow pathway defined by a least one  
surface, preferably in the form of a spiral, through which pathway is flowed reactant  
particles and at least one initial reagent adapted to react therewith during their passage  
through the pathway. The reaction generates an energy potential difference the  
beginning of said pathway and its end thereby polarizing the reactant particles whereby  
10 they adhere to each other and become immobilized within the pathway.